

Converting Colors

Hex(97F671)

Have a look what the booklet for
Hex(97F671) contains.

| | |
|--|----|
| Hex(97F671) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(97F671)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 97F671 |
| RGB | 151, 246, 113 |
| RGB Percent | 59%, 96%, 44% |
| CMY | 0.4078, 0.0353, 0.5569 |
| CMYK | 0.39, 0.00, 0.54, 0.04 |
| HSL | 103°, 88%, 70% |
| HSV | 103°, 54%, 96% |
| XYZ | 48.6989, 73.6831, 27.2783 |
| YIQ | 202.4330, -13.9270, -61.5030 |

Conversions

Conversions Part 2

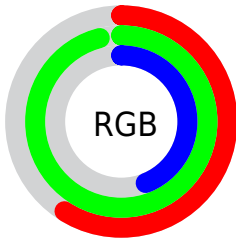
| Format | Color |
|-------------------------------------|--|
| RYB | 113, 246, 208 |
| Decimal | 9959025 |
| CIELab | 88.77, -51.51, 54.56 |
| CIElCh | 89, 75.035, 133.352 |
| Yxy | 73.6831, 0.3254, 0.4923 |
| Android (android.graphics.Color) | 4288149105 (0xFF97F671) |
| YUV | 202.4330, -44.0905, -45.1067 |
| Hunter-Lab | 85.8389, -48.9497, 41.2457 |

Details

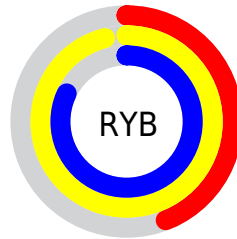
The Hex color **97F671** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **D071F6**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **D1FFA8**, and **5DBD3B** is the 20% darker color. If you saturate the color by 10%, you get **85F658**, and if you desaturate by 10%, it is **A9F68A**.

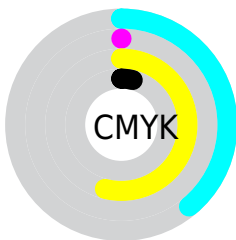
Distribution



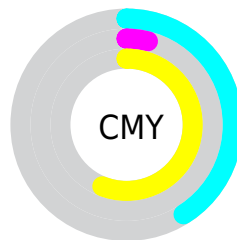
- Red (59%)
- Green (96%)
- Blue (44%)



- Red (44%)
- Yellow (96%)
- Blue (82%)



- Cyan (39%)
- Magenta (0%)
- Yellow (54%)
- Black (4%)



- Cyan (41%)
- Magenta (4%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 97F671 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 97F671 by changing the saturation by 10% instead.

 97F671

 97F671

FFFFFF

 7AD956

 D1FFA8

 5DBD3B

 EFFF C4

 3FA11E

 FFFF E1

 1A8700

FFFFFFE

 006D00

 005300

 003B00

 002500

 000000

 97F671

 97F671

 85F658

 A9F68A

 74F640

 BAF6A2

 62F627

 CCF6BB

 51F60F

 DDF6D3

 46F600

 EFF6EC

 FFF6FF

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



E7E547



97F671



00FFB3

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



97F671



00F2FF



FF9EC2

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



97F671



D071F6

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFA4FF



97F671



95DCFF

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



97F671



00FEFF



FFBEFF



FFB180

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



97F671



00FFE5



FFBEFF



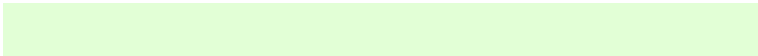
FF9DDA

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



97F671



E2FFD6



F6CE71



6E8067



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



97F671



89FF59



71F68C



727A6E



35BA00



113B00

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



D071F6



D059FF



F671DB



776E7A



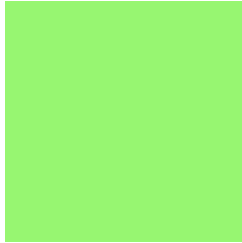
8500BA



2A003B

Previews

White Background



This preview shows how the Hex color 97F671 looks on a white background.

Color Contrast Check

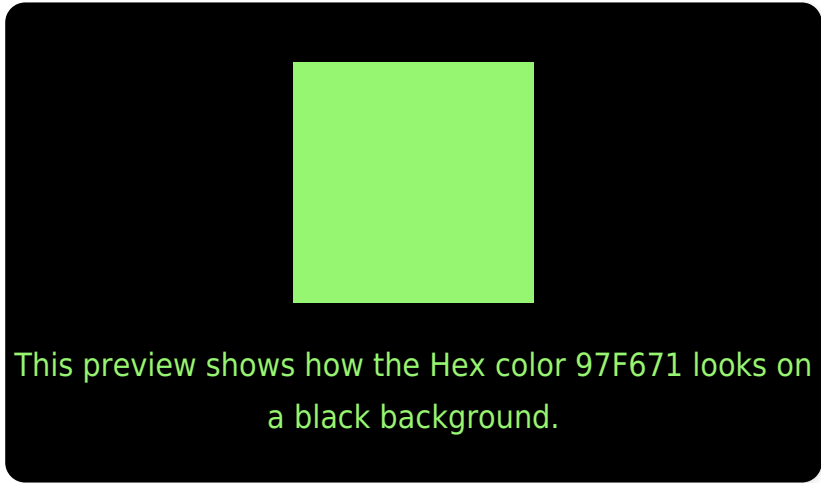
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

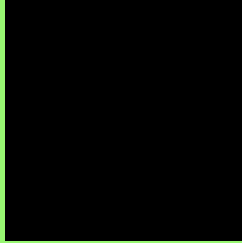
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 97F671 Background



This preview shows how black text looks on a background with the Hex color 97F671.

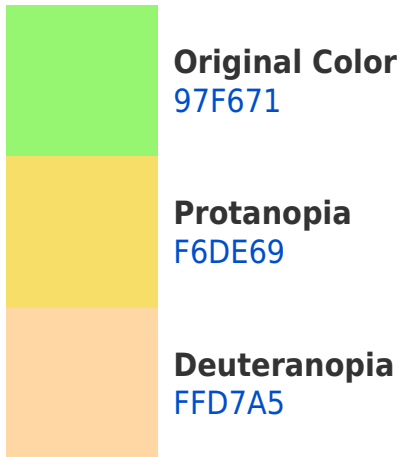


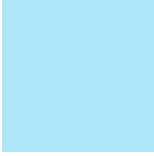
This preview shows how white text looks on a background with the Hex color 97F671.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



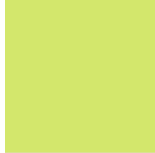


Tritanopia
AEE7FA

Trichromacy



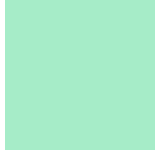
Original Color
97F671



Protanomaly
D3E76C



Deuteranomaly
D9E292

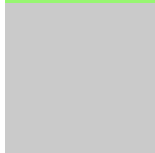


Tritanomaly
A6ECC8

Monochromacy



Original Color
97F671



Achromatopsia
CACACA



Achromatomaly
B7DAAA

CSS Examples

Text

The CSS property to change the color of the text to Hex 97F671 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #97F671 looks like.

```
.text, #text, p{  
    color:#97F671  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #97F671 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #97F671
}
```

Border

The CSS property to change the border of an element to Hex 97F671 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#97F671 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#97F671 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #97F671 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #97F671; -webkit-box-shadow:4px 4px  
4px 4px #97F671; box-shadow:4px 4px 4px  
4px #97F671 }
```

Background

The CSS property to change the background color of an element to Hex 97F671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#97F671 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#97F671 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor